

# RESIN ADVANTAGE

FEATURE	LUMICLEAR (Acrylic)	LUMIFORM (PETG)	LUMISHIELD EX (Polycarbonate)	NOTES
Optical Clarity	•••	••	••	Lumiclear has superior clarity, especially at gauges .236" and greater. Lumiform has a slight grey tint. Lumishield EX has a slight green tint.
Fire Rating	•	••	••	Lumiform has a Class A fire rating up to 3/8" gauge. Lumishield EX has a Class A in .236" and a Class B in .472". Lumiclear has a Class C fire rating.
Impact Strength	•	••	•••	Lumishield EX is 130 times stronger than glass. Lumiform is 40 times stronger than glass. Lumiclear is 7 times stronger than glass.
Recycled Content	•••	••	••	Lumiclear contains a minimum of 50% recycled content. Lumiform contains a minimum of 40% recycled content. Lumishield EX contains a minimum of 40% recycled content.
Sustainability	•••	•••	•••	All resins are 100% recyclable.
Renewable Surface	•••	•	•	Lumiclear with a Gloss or Matte finish has a renewable surface which can be refinished to extend the life of the product.
Rigidity	•••	•	••	Lumiclear is 50% more rigid than Lumiform, allowing for the use of thinner gauges.
UV Resistance	•••	•	•••	Lumiclear is naturally resistant to UV rays. Lumishield EX comes standard with UV cap on both sides.
Weight	•••	•••	•••	Lumiclear, Lumiform, and Lumishield EX are approximately half the weight of glass.